WYSE

Wyse Microsoft Windows CE

Flexibility, Simplicity, and Security for Thin Computing

Wyse-enhanced Microsoft Windows CE gives administrators increased flexibility and performance, with the administrative simplicity that Windows CE is known for. Allowing IT managers to take advantage of enhanced local security plus the many supported peripherals and add-ons available.

Wyse-enhanced Microsoft Windows CE is ideal for departments and organizations that need support for Citrix ICA, Microsoft RDP, and Sun SGD, as well as a local browser and terminal emulation, plus standard connections to peripherals and add-ons. It gives you a PC-like experience on the desktop, with local terminal emulation so you can run most legacy applications.

By combining this small and fast operating system with firmware components, Wyse is able to reduce boot times and increase protection against viruses, trojan horses, and other malware. The result is a simply more secure solution that provides the flexibility to add standard peripherals, from printers to scanners to USB thumb drives. But these peripherals can only be connected under access controlled by the IT administrator.

Wyse-enhanced Microsoft Windows CE requires a minimum of 32MB of flash memory and 64MB of RAM on any thin device. It is supported on the Wyse S30, Wyse V30, and Wyse V30 Dual-Video thin computers.

Sold and Supported by:

Features	Benefits
Microsoft® Windows CE 5.0 operating system	Microsoft's most popular embedded operating system.
Supports industry-standard USB wireless adapter support with strong wireless authentication	Connects to wireless LANs using fast, third-party USB wireless adapters using the most secure wireless protocols: WPA-2, Temporal Key Integrity Protocol (TKIP), Message Integrity Code (MIC), 802.11 Authentication (EAP), PEAP-GTC authentication protocols. This allows you to connect to wireless access points in enterprise environments using the most secure wireless protocols.
Supports RDP 5.5, ICA 9.x, and SGD 4.2 protocols with over 15 resident terminal emulation options	Connectivity to almost any back-end system and flexibility to choose the optimal protocol.
Support for latest Citrix ICA client (version 9.x)	Allows you to use the latest ICA features, including shared application folders and seamless windows.
Includes built-in Microsoft Internet Explorer 6.0	Local IE browser provides access to web-based applications with robust browsing capabilities.
Includes Wyse firmware enhancements	The Wyse-enhanced operating system offers security features, modular software add-ons, optional windowing, fast boot, and more.
Diskless, fanless, convection cooled	Quiet, no moving parts, durable, low operating cost, low service, very long (150,000 hours) Mean Time Between Failures (MTBF).
10/100Base-T Fast Ethernet	Fast LAN/WAN connectivity.

About Wyse Thin Computers

Because Wyse thin computers have no moving parts, they deliver greater reliability, availability, and lower cost of ownership than other solutions. With no local storage, malware is dealt with at the server level, where it's easier to detect. There is also no way to remove information, so sensitive data stays on the server and remains compliant with privacy regulations.

Today our software makes it easy to manage, update, and even service any thin computer from one central location. Additionally with solid-state technology, Wyse thin computers are nine times more reliable than PCs because there are no moving parts. And even if a device does fail, the data remains instantly available on the server.

Wyse S30

The Wyse S30 is the smallest, most advanced Windows CE-based thin computer on the market. The functional and compact chassis has USB 2.0 plus serial ports, and fits unobtrusively on or under a desk, or can be easily mounted on a wall.

Hardware

Processor		AMD Geode GX
Memory		64MB Flash/128MB Other configurations (up to 1GB/1GB) available
I/O Peripheral Support		▪ VGA-type video output (DB-15) ▪ Enhanced USB keyboard with PS/2 mouse port and Windows keys ▪ PS/2 mouse included ▪ One serial port ▪ Four USB 2.0 ports (2 on front, 2 on back)
Networking		▪ 10/100 Base-T Fast Ethernet twisted pair (RJ-45) ▪ Optional external USB 802.11b/g wireless adapter
Display Support		▪ VESA monitor support with Display Data Control (DDC) for automatic setting of resolution and refresh rate ▪ 16-bit/64K colors: up to 1280x1024@100Hz up to 1600x1200@90Hz ▪ 32-bit/16.7M colors: up to 1280x1024@90Hz
Audio		▪ Output: 1/8-inch mini, full 16-bit stereo, 48KHz sample rate ▪ Input: 1/8-inch, 8-bit mini microphone
Physical Characteristics:	Height Width Depth Shipping Weight	1.38 inches (34mm) 6.94 inches (177mm) 4.75 inches (121mm) 6 lbs. (2.7kg)
Mountings		Horizontal feet (optional vertical stand) Optional VESA mounting bracket Built-in Kensington security slot (cable sold separately)
Power		Worldwide auto-sensing 100-240v VAC, 50/60 Hz 5.6 Watts/hour average power usage with device connected to 1 keyboard, 1 PS/2 mouse, and 1 monitor
Regulatory Compliance:	Ergonomics Safety RF Interference Environmental Internal Wireless	German EKI-ITB 2000, ISO 9241-3/-8 cULus 60950, TÜV-GS, EN 60950 FCC Class B, CE, VCCI, C-Tick WEEE
Warranty		Three-year limited warranty

Wyse V30 Dual-Video	Wyse V30
The mid-range Wyse V30 Dual-Video thin computer delivers the Windows CE performance you need; dual-video support (with purchase of optional monitor splitter cable); 128MB Flash, 256MB DDR RAM; a CardBus/PCMCIA slot; plus serial, parallel, and USB ports. Using the same form-factor as the Wyse V30, the Wyse V30 Dual-Video can fit easily into most work environments.	The high-performance Wyse V30 includes a powerful CPU; optional internal WiFi solution, optional smart card slot; CardBus/PCMCIA slot; plus serial, parallel, and USB ports. The Wyse V30 offers a broad range of mounting options via its innovative monorail mounting system that allows the unit to be conveniently attached to a wall, desk, or in any space-constrained environment.
Via C7 Eden	Via C3
128MB Flash/128MB DDR2 RAM Other configurations (up to 2GB/1GB) available	64MB Flash/128MB DDR RAM Other configurations (up to 2GB/1GB) available
▪ One DVI-I Port ▪ One DVI-I Port to VGA (DB-15) Adapter ▪ Dual-video Support with: - Optional DVI-I to DVI-D plus VGA-monitor splitter cable (sold separately) ▪ Enhanced USB keyboard with PS/2 mouse port and Windows keys ▪ PS/2 mouse included ▪ One serial port ▪ One parallel port ▪ Three USB 2.0 ports (1 on front, 2 on back) ▪ CardBus/PCMCIA card slot	▪ VGA-type video output (DB-15) ▪ Enhanced USB keyboard with PS/2 mouse port and Windows keys ▪ PS/2 mouse included ▪ Two serial ports ▪ One parallel port ▪ Three USB 2.0 ports (1 on front, 2 on back) ▪ CardBus/PCMCIA card slot ▪ Optional internal smart-card reader ▪ Optional internal 802.11b/g wireless solution
▪ 10/100 Base-T Fast Ethernet twisted pair (RJ-45) ▪ Optional external USB 802.11b/g wireless adapter	▪ 10/100 Base-T Fast Ethernet twisted pair (RJ-45) ▪ Optional Internal 802.11b/g wireless solution ▪ Optional external USB or CardBus 802.11b/g wireless adapter
▪ VESA monitor support with Display Data Control (DDC) for automatic setting of resolution and refresh rate ▪ Single Monitor at 32-bit color: up to 1600x1200@85Hz up to 1920x1080@60Hz ▪ Dual Monitors used simultaneously (requires optional monitor splitter cable) at 32-bit color: up to 1280x1024x32bpp@85Hz	▪ VESA monitor support with Display Data Control (DDC) for automatic setting of resolution and refresh rate ▪ 16-bit/64K colors: up to 1280x1024@100Hz up to 1600x1200@85Hz up to 1920x1440@60Hz ▪ 32-bit color: up to 1280x1024@85Hz up to 1600x1200@60Hz up to 1920x1440@60Hz
▪ Output: 1/8-inch mini, full 16-bit stereo, 48KHz sample rate ▪ Input: 1/8-inch, 8-bit mini microphone	▪ Output: 1/8-inch mini, full 16-bit stereo, 48KHz sample rate ▪ Input: 1/8-inch, 8-bit mini microphone
7.9 inches (201mm) 1.8 inches (46mm) 7.1 inches (180mm) 8 lbs. (3.6kg)	7.9 inches (201mm) 1.8 inches (46mm) 7.1 inches (180mm) 8 lbs. (3.6kg)
Vertical foot (optional horizontal feet) Optional VESA mounting bracket Built-in Kensington security slot (cable sold separately)	Vertical foot (optional horizontal feet) Optional VESA mounting bracket Built-in Kensington security slot (cable sold separately)
Worldwide auto-sensing 100-240v VAC, 50/60 Hz 17.2 Watts/hour average power usage with device connected to 1 keyboard, 1 PS/2 mouse, and 1 monitor	Worldwide auto-sensing 100-240v VAC, 50/60 Hz 17.2 Watts/hour average power usage with device connected to 1 keyboard, 1 PS/2 mouse, and 1 monitor
German EKI-ITB 2000, ISO 9241-3/-8 cULus 60950, TÜV-GS, EN 60950 FCC Class B, CE, VCCI, C-Tick WEEE, RoHS Compliant	German EKI-ITB 2000, ISO 9241-3/-8 cULus 60950, TÜV-GS, EN 60950 FCC Class B, CE, VCCI, C-Tick WEEE 47CFR Part 15, Subpart C (USA); RSS-210 (Canada); EN301 489-1 & -17 (Europe); AS/NZS 4771 (Australia/New Zealand); Telec 2006 (Japan); MIC RRL (Korea); SRRC CMII (China)
Three-year limited warranty	Three-year limited warranty

Wyse Windows CE 5.0

Software

Firmware Features	■ Microsoft Windows CE 5.0 ■ Microsoft Internet Explorer 6.0 resident: HTML, JavaScript, XML, Active X as custom, Media Player 9.0 (optional), Citrix Web Interface ■ RDP 5.5 resident ■ Citrix ICA 9.x resident ■ Sun SGD 4.2 resident ■ Terminal Services Advanced Client (TSAC) ■ Ericom PowerTerm legacy terminal support ■ Thinprint
Server OS Compatibility/Support	■ Citrix MetaFrame and Presentation Server ■ Terminal Server Edition ■ Windows 2000 Server ■ Windows 2003 Server
Set-up and Configuration	■ User interface ■ Boot from local flash ■ Windows CE user interface languages: U.S. English Free optional add-ons: French, German, Spanish ■ Keyboard language support: U.S. English (standard), French, German, Spanish, U.K. English, and 40 other languages
Protocol Support	■ TCP/IP, DNS, DHCP, PXE, PPP, PC/SC and ISO-7816 smart-card support
Management	■ Remote management, configuration, and upgrades through Wyse Device Manager ■ Send messages ■ Complete image upgrade ■ Wake terminal remotely (Wake-on LAN) ■ Terminal configuration (IP information, etc) ■ Remote screen shadowing of entire desktop (Wyse Remote Shadow) ■ Reporting ■ Altiris Deployment via add-on
Wireless support	■ 802.11 a/b/g via external wireless adapter ■ IEEE 802.1X ■ WEP, WPA, and WPA-2 wireless authentication ■ Internal WiFi default encryptions: MD5, PAP, TLS ■ PEAP-GTC wireless authentication protocol with optional Juniper Odyssey Client ■ Supports PC-Card or USB wireless adapters from: Cisco, D-Link, Netgear, US Robotics, Trendware

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